

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-44317	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Miller, Dyer & Co., LLC				9. WELL NAME and NUMBER: Flat Rock 15-32-14-20	
3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202				10. FIELD AND POOL, OR WILDCAT: Flat Rock	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 660 FSL 1980 FEL 611773X 39.550388 AT PROPOSED PRODUCING ZONE: SAME 4378456Y -109.699117				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 32 14S 20E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 660		16. NUMBER OF ACRES IN LEASE: 1280		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1000		19. PROPOSED DEPTH: 4,800		20. BOND DESCRIPTION: RLB0008085	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7467 GR		22. APPROXIMATE DATE WORK WILL START: 10/1/2005		23. ESTIMATED DURATION: 1 Month	

24. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
20"	16"	Contrac	0.250" wall	40	Ready Mix to Surface	
11"	8-5/8"	J-55	24#	300	Class G	110 sacks 1.17 cuft/sx 15.8 ppg
7-7/8"	5-1/2"	N-80	17#	4,800	Class G	697 sacks 1.17 & 2.28 12.0 15.8

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Jeff Lang TITLE Vice President of Operations
 SIGNATURE [Signature] DATE 8/12/05
 (This space for State use only)

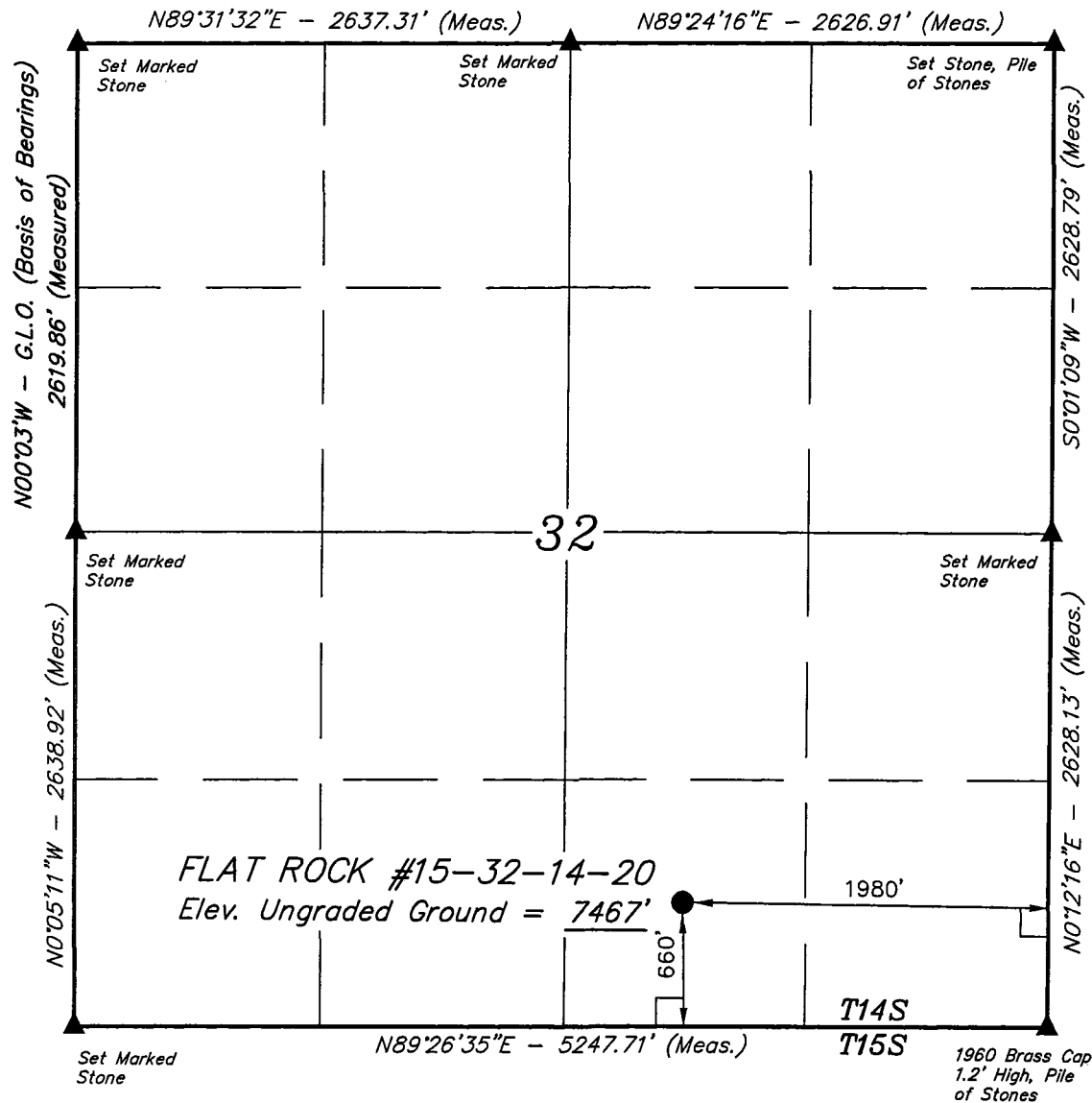
API NUMBER ASSIGNED: 43-047-36994

**Approved by the
Utah Division of
Oil, Gas and Mining**
 Date: 08-29-05
 By: [Signature]

RECEIVED
AUG 1 / 2005
 DIV. OF OIL, GAS & MINING

(11/2001)
**Federal Approval of this
 Action is Necessary**

T14S, R20E, S.L.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

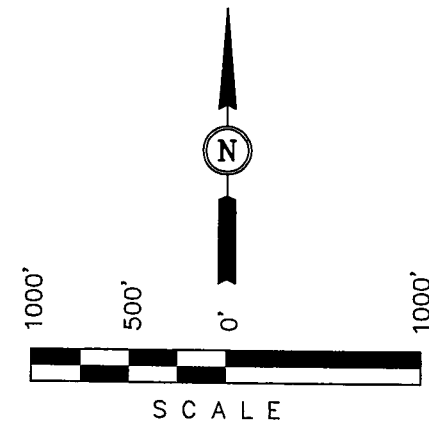
LATITUDE = 39°33'01"
LONGITUDE = 109°41'57"

MILLER, DYER & CO. LLC.

Well location, FLAT ROCK #15-32-14-20, located as shown in the SW 1/4 SE 1/4 of Section 32, T14S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A LANDING STRIP IN THE NW 1/4 OF SECTION 32, T14S, R20E, S.L.B.&M. TAKEN FROM THE FLAT ROCK MESA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7512 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert H. Miller
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 07-11-05 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-08-01	DATE DRAWN: 01-28-01
PARTY J.F. J.P. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE MILLER, DYER & CO. LLC.	

**DRILLING PLAN
MILLER, DYER & CO. LLC**

**Flat Rock #15-32-14-20
SWSE Section 32 T14S-R20E**

1. Estimated Tops for Important Geological Markers

<u>Formation</u>	<u>Depth</u>
Green River	Surface
Wasatch	2,310'
Mesaverde	4,463'
Total Depth	4,800'

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	
Green River	Surface	
Wasatch	2,310'	Oil and/or Gas
Mesaverde	4,463'	Gas

3. Pressure Control Equipment

Schematic attached (Diagram "A")

Blow Out Preventer (BOP) will be equipped as follows:

- A. Type: Eleven (11) Inch double Gate Hydraulic 3,000 psi BOP mounted on a 3,000 psi casinghead.
 - a. One set of blind rams (above)
 - b. One set of pipe rams (below)
 - c. Appropriate fill, kill and choke lines will be 2" x 2,000 psi working pressure

B. Auxiliary Equipment:

Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

A rotating head will be installed above the blow-out preventer to divert any hydrocarbons in the drilling mud away from the rig floor.

C. Pressure Rating: 3,000 psi WP

D. Testing Procedure:

Hydraulic Ram-Type BOP

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1) When the BOP is initially installed.
- 2) Whenever any seal subject to test pressure is broken.
- 3) Following related repairs; and
- 4) At thirty (30) day intervals

In addition to the above, the pipe and blind rams will be activated each trip, but no more than once each day.

E. Choke Manifold Equipment:

All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:

The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 125 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore oil and Gas Order Number 2.

4. Proposed Casing and Cementing Program

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	40'	20"	16"	Contactor	0.250" wall
Surface	300	11"	8-5/8"	J-55	24.00# (new)
Production	0'-4,800' MD	7-7/8"	5-1/2"	N-80	17# (new)

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

Conductor: 0'-40'

Ready Mix to surface

Surface Casing: 0'-300'

Surface Casing:

Hole Size: 11"
 Casing Size: 8-5/8", 24#, J-55, ST&C
 Setting Depth (ft): 300
 Float Collar Depth (ft): 260
 Casing Volume (ft³/ft): 0.3575
 Casing Volume (bbl/ft): 0.0636
 Annular Volume (ft³/ft): 0.2542

Cement Slurry (Annular):

Top Depth: 0
 Bottom Depth: 300
 Cement Weight (ppg): 15.8
 Cement Yield (ft³/sk): 1.17
 Excess (%): 50
 Total Sacks: 97.8

Type of Cement

Class G Cement + 2% bwoc Calcium
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%
 Fresh Water

Cement Slurry (Float Shoe):

Top Depth: 260
 Bottom Depth: 300
 Cement Weight (ppg): 15.8
 Cement Yield (ft³/sk): 1.17
 Excess (%): 0
 Total Sacks: 12.2

Type of Cement

Class G Cement + 2% bwoc Calcium
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%
 Fresh Water

Displacement (bbls): 16.5

Production Casing: 0'-4,800'

Production Casing:

Hole Size: 7-7/8"
 Casing Size: 5-1/2", 17#, N-80, LT&C
 Setting Depth (ft): 4800
 Casing Volume (ft³/ft): 0.1305
 Casing Volume (bbl/ft): 0.0232
 Annular Volume (ft³/ft): 0.1733
 Annular Volume (ft³/ft): 0.1926 (inside surface casing)

Lead Slurry (Inside Surface Casing):

Top Depth: 0
 Bottom Depth: 300
 Cement Weight (ppg): 12.0
 Cement Yield (ft³/sk): 2.28
 Excess (%): 0
 Total Sacks: 25.3

Type of Cement

Premium Lite Cement + 2% bwoc
 Calcium Shloride + 0.25% bwoc Cello Flake + 1
 gals/100 sack FP-6L + 8% bwoc Bentonite +
 0.2% bwoc Sodium Metasilicate + 124.5% Fresh
 Water

Lead Slurry (Annular):

Top Depth: 300
 Bottom Depth: 1500
 Cement Weight (ppg): 12.0
 Cement Yield (ft³/sk): 2.28
 Excess (%): 15
 Total Sacks: 104.9

Type of Cement

Premium Lite Cement + 2% bwoc
 Calcium Shloride + 0.25% bwoc Cello Flake + 1
 gals/100 sack FP-6L + 8% bwoc Bentonite +
 0.2% bwoc Sodium Metasilicate + 124.5% Fresh
 Water

Tail Slurry (Annular):

Top Depth: 1500
 Bottom Depth: 4800
 Cement Weight (ppg): 15.8
 Cement Yield (ft³/sk): 1.17
 Excess (%): 15
 Total Sacks: 562.1

Type of Cement

Class G Cement + 2% bwoc Calcium
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%
 Fresh Water

Tail Slurry (Float Shoe):

Top Depth: 4760
 Bottom Depth: 4800
 Cement Weight (ppg): 15.8
 Cement Yield (ft³/sk): 1.17
 Excess (%): 0
 Total Sacks: 4.5

Type of Cement

Class G Cement + 2% bwoc Calcium
 Chloride + 0.25 lbs/sack Cello Flake + 44.3%
 Fresh Water

Displacement (bbls): 110.4

Actual cement volumes will be based on caliper log calculations and drilling experience.

5. Mud Program (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-300'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
300'-4,800'	KCl/Polymer or DAP/Polymer	8.8-9.0 ppg	38-40 sec/qt	8-10 cc

6. **Testing, Logging, Coring and Completion Program**

- a. Drill stem tests – non anticipated
- b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
- c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.
- d. The evaluation program may change at the discretion of the well-site geologist with prior approval from the Authorized Officer, Vernal Field Office of the Bureau of Land Management.
- e. Completion / Stimulation Program:

No stimulation of fracture treatment has been designed for this prospect. The drill site as approved will be of sufficient size to accommodate any proposed completion activities. The well completion prognosis will be developed after evaluation of the electric logs and mud log information. A sundry notice will then be filed for approval of the completion program.

7. **Anticipated Bottom Hole Pressure, Abnormal Temperatures and Pressures of Other Hazards**

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 2,064 psi (calculated at 0.43 psi/ft. at the 4,800' level of the Mesaverde), and a maximum anticipated surface pressure is 1,008 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

a. Abnormal Pressures and Hazards:

No abnormal temperatures or pressures are anticipated.

b. Potential Hazards:

No Hydrogen Sulfide (H₂S) has been encountered or known to exist in any well drilled to similar depths in the general area.

8. **Anticipated Starting Date and Duration**

a. Anticipated Starting Date and Duration:

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

- 1) Drilling: Approximately 14 days.
- 2) Completion: Approximately 10 days

b. Drilling Notification

The spud date will be reported orally to the Authorized Officer of the Bureau of Land Management, Vernal Field Office, 24 hours prior to spudding, unless otherwise instructed in the site specific conditions of approval.

**SURFACE USE PLAN
MILLER, DYER & CO. LLC**

**Flat Rock #15-32-14-20
SWSE Section 32 T14S-R20E**

1. Existing Roads:
 - a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
 - b. Topographic Map "B" shows the point approximately 50 miles south of Ouray where the Flat Rock Mesa Road departs from the Seep Ridge Road. Then turn south approximately 2 miles east of the Seep Ridge Road towards the Del-Rio/Orion #32-16A. The access road to the 15-32 is west following the access road to the Flat Rock #15-32 location.
2. Planned Access Road: (refer to Topographic Map "D")
 - a. Length of new road will be approximately 0.2 miles.
 - b. The right-of-way width is 30' (15' on either side of the centerline) with a 20-foot wide running surface.
 - c. Maximum grade will be less than 2%
 - d. No turn-outs are planned.
 - e. The new road will be crowned, ditched and dipped to provide adequate drainage.
 - f. Culverts will be used if necessary.
 - g. No gates or cattle guards will be needed. Nor will any existing facilities be modified.
 - h. The proposed road was flagged when the location was staked.
 - i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.
3. Location of Existing Wells:
 - a. The nearest producing well is the Del-Rio/Orion #32-16A, located approximately 1000' east of the proposed well location in Section 32-T14S-R20E.
4. Location of Existing and/or Proposed Facilities:
 - a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

- b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.
5. Location and Type of Water Supply:
- a. Some produced water from existing wells will be used for drilling. Fresh water will be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
 - b. Water will be transported by truck on the Agency Draw and Flat rock Mesa roads.
 - c. A water supply well, to be located in the SESE Section 3-T15S-R20E has recently been approved by the Ute Indian Tribe due to the unreliability of surface water sources during the drought. It is not clear, at present, whether water will be available from this source in time for this well. If it is, it will be used.
6. Source of Construction Materials:
- a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
 - b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
 - c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.
7. Methods for Handling Waste Disposal:
- a. Methods and locations for safe containment and disposal of the following materials:
 - i. Drill cuttings will be buried in the reserve pit.
 - ii. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
 - iii. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 - iv. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 - v. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.
 - b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future

drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

- c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.
- d. Reserve pit and waste water disposal:
 - i. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
 - ii. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
 - iii. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
 - 1. The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
 - 2. Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
 - 3. The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
 - iv. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
 - v. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
 - vi. After first production:
 - 1. Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
 - 2. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent

disposal method and location, along with the required water analysis will be submitted to the authorized officer.

3. No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:

- a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.

9. Well Site Layout:

- a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
- b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
- c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.

10. Plans for Restoration of the Surface:

a. Producing well location

- i. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
- ii. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
- iii. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
- iv. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
- v. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.

b. Dry Hole/Abandoned Location

- i. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.

11. Surface Ownership:
 - a. Access roads and location are held in trust for the Ute Indian Tribe by the United States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:
 - a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
 - i. Whether the materials appear to be eligible for the National Register of Historic Places;
 - ii. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - iii. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
 - b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
 - c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

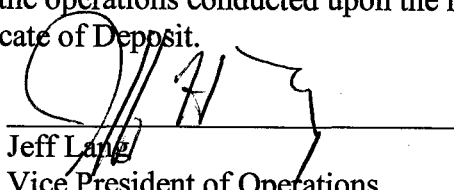
13. Lessee's or Operator's Representative and Certification:
 - a. Jeff Lang, Vice President of Operations
Miller, Dyer & Co. LLC
475 17th Street, Suite 1200
Denver, CO 80202
Office: 303 292 0949 Ext 102
FAX: 303 292 3901
Cell: 303 503 3730
Email: jeff@millerdyer.com

I hereby certify that I have inspected the proposed drill site and access road; that I am familiar with the conditions which currently exist; that the statements made in this plan

are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Miller, Dyer & Co. LLC, and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

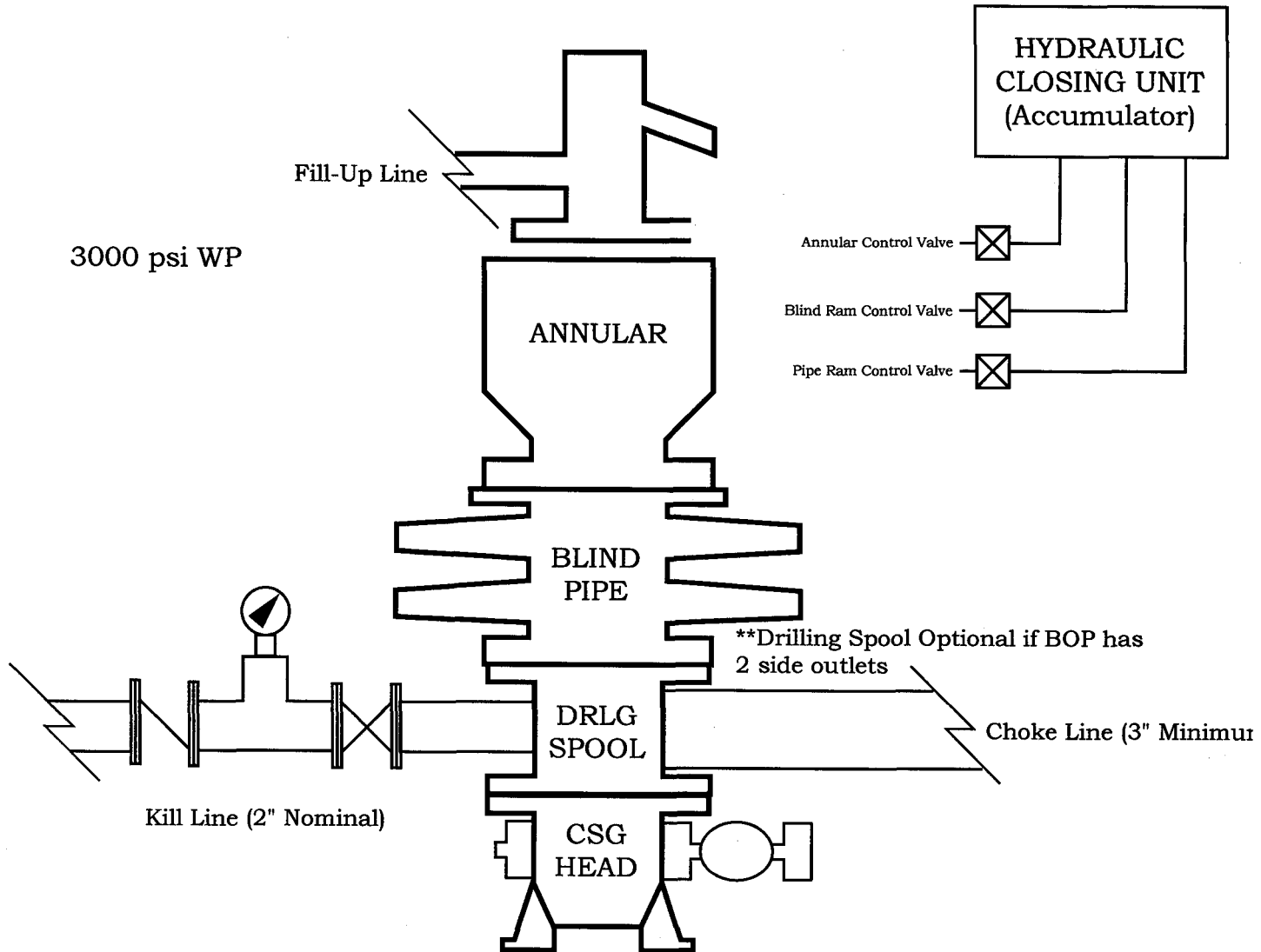
Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Flat Rock #15-32-14-20 well; SWSE of Section 32, T14S-R20E and all producing zones; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit.

8/12/05
Date

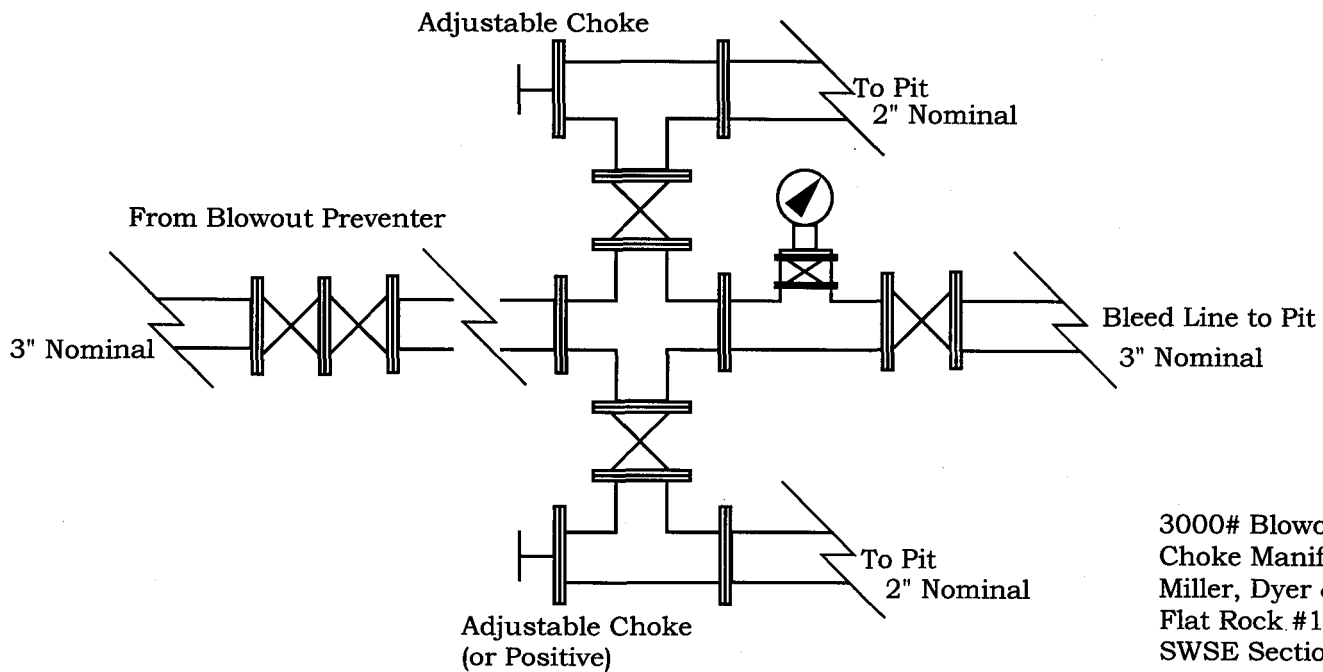

Jeff Lang
Vice President of Operations

The onsite inspection for this well was conducted on June 2001 by the previous operator Del-Rio Resources and the Right-of-Way has been granted by the BIA.

Diagram A



Choke Manifold Requirement (3000 psi WP)



3000# Blowout Preventer &
Choke Manifold Schematic
Miller, Dyer & Co. LLC
Flat Rock #15-32-14-20
SWSE Section 32 T14S-R201
Uintah County, Utah



State Online Services

Water Rights

Business Applications

Search Utah.gov

GO

UTAH DIVISION OF WATER RIGHTS

Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.)

WRNUM: 49-1667

APPLICATION/CLAIM NO.: T74534

CERT. NO.:

OWNERSHIP*****

NAME: Ute Oilfield Water Service

ADDR: c/o Michael Wood

P.O. Box 598

Roosevelt UT 84066

LAND OWNED BY APPLICANT? No

DATES, ETC.*****

FILED: 10/10/2002	PRIORITY: 10/10/2002	PUB BEGAN:	PUB ENDED:	NEWSPAPER:
ProtestEnd:	PROTESTED: [No]	HEARNG HLD:	SE ACTION: [Approved]	ActionDate: 11/20/20
EXTENSION:	ELEC/PROOF: []	ELEC/PROOF:	CERT/WUC:	LAP, ETC: 11/20/20
RENOVATE:	RECON REQ:	TYPE: []		

PD Book No. Map:

Type of Right: Application to Appropriate Source of Info: Application to Appropriate Status: Expired

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*****

FLOW: 5.0 acre-feet

SOURCE: Willow Creek

COUNTY: Uintah

COMMON DESCRIPTION: 45 miles SW of Vernal

POINT OF DIVERSION -- SURFACE:

(1) N 150 ft W 700 ft from SE cor, Sec 29, T 12S, R 21E, SLBM

Diverting Works: Water truck pump from creek

Source: Willow Creek

Stream Alt Required?: No

PLACE OF USE OF WATER RIGHT*****

	NORTH-WEST¼	NORTH-EAST¼	SOUTH-WEST¼	SOUTH-EAST¼
ALL T 14S R 20E SLBM	NW NE SW SE	NW NE SW SE	NW NE SW SE	NW NE SW SE

USES OF WATER RIGHT*****

WATER RIGHT CLAIMS IN COMMON: 1667

###OIL EXPLORATION Drilling and completion of oil/gas wells on Flat Rock Mesa PER

OTHER COMMENTS*****

Point of diversion is on BLM land. Permission is being obtained.

*****END OF DATA*****

MILLER, DYER & CO. LLC.
FLAT ROCK #15-32-14-20
CORRIDOR RIGHT-OF-WAY & DAMAGE AREA
SECTION 32, T14S, R20E, S.L.B.&M.

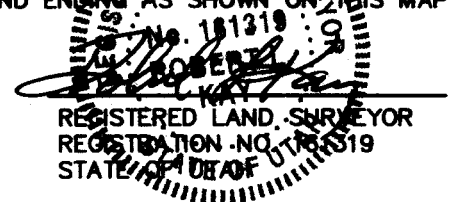
TOTAL CORRIDOR RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 932.31' OR 0.177 MILES. WIDTH OF
RIGHT-OF-WAY IS 50' (25' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE).
CONTAINS 1.070 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH }
COUNTY OF UTAH } SS

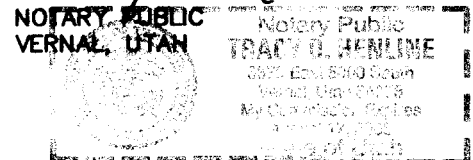
ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR MILLER, DYER & CO. LLC., THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.177 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.



ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 11 DAY OF July 2005.

MY COMMISSION EXPIRES Aug 17, 2006.



APPLICANT'S CERTIFICATE

I, _____ DO HEREBY CERTIFY THAT I AM THE AGENT FOR MILLER, DYER & CO. LLC., HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY, 0.177 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 9+32.31, THAT SAID DAMAGE AREA AND CORRIDOR RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

APPLICANT

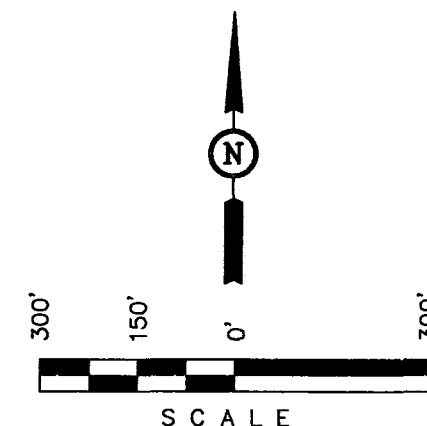
TITLE

MILLER, DYER & CO. LLC.

LOCATION DAMAGE AREA & CORRIDOR RIGHT-OF-WAY ON UTE TRIBAL LANDS

(For FLAT ROCK #15-32-14-20)

LOCATED IN
SECTION 32, T14S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH



DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 32, T14S, R20E, S.L.B.&M. WHICH BEARS N66°30'08"W 2147.65' FROM THE SOUTHEAST CORNER OF SAID SECTION 32, THENCE S65°55'14"E 277.48'; THENCE S24°04'46"W 400.00'; THENCE N65°55'14"W 347.00'; THENCE N24°04'46"E 400.00'; THENCE S65°55'14"E 69.52' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 32, T14S, R20E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N00°03'W. CONTAINS 3.186 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 07-11-05 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 01-31-01
PARTY J.F. J.P. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 4 2 1 2 3

CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 50' WIDE RIGHT-OF-WAY 25' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 32, T14S, R20E, S.L.B.&M. WHICH BEARS N46°24'50"W 1509.95' FROM THE SOUTHEAST CORNER OF SAID SECTION 32, THENCE S82°39'53"W 848.64'; THENCE S24°05'21"W 83.67' TO A POINT IN THE SW 1/4 SE 1/4 OF SECTION 32, WHICH BEARS N66°30'08"W 2147.65' FROM THE SOUTHEAST CORNER OF SAID SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF THE NW 1/4 OF SECTION 32, T14S, R20E, S.L.B.&M. WHICH IS ASSUMED FROM G.L.O. INFORMATION TO BEAR N00°03'W. CONTAINS 1.070 ACRES MORE OR LESS.

LINE TABLE		
LINE	BEARING	LENGTH
L1	S24°05'21"W	83.67'
L2	S65°55'14"E	69.52'

END OF PROPOSED
CORRIDOR RIGHT-OF-WAY
STA. 9+32.31
(At Edge of Damage Area)

Centerline of Proposed
Corridor Right-of-Way

BEGINNING OF PROPOSED
CORRIDOR RIGHT-OF-WAY
STA. 0+00
(At Proposed Corridor- Sta. 12+32.78)

Ute
Tribal

DAMAGE AREA
FLAT ROCK #15-32-14-20
Contains 3.186 Acres

NOTE:

BEGINNING STA. 0+00 BEARS N46°24'50"W 1509.95' FROM THE SOUTHEAST CORNER OF SECTION 32, T14S, R20E, S.L.B.&M.

ENDING STA. 9+32.31 BEARS N66°30'08"W 2147.65' FROM THE SOUTHEAST CORNER OF SECTION 32, T14S, R20E, S.L.B.&M.

▲ = SECTION CORNERS LOCATED.

1960 Brass Cap
1.2' High, Pile
of Stones

SW Cor Sec 32
Set Marked Stones

N89°26'35"E - 5247.71' (Meas.)

T14S
T15S

MILLER, DYER & CO. LLC.

FLAT ROCK #15-32-14-20

LOCATED IN UINTAH COUNTY, UTAH

SECTION 32, T14S, R20E, S.L.B.&M.

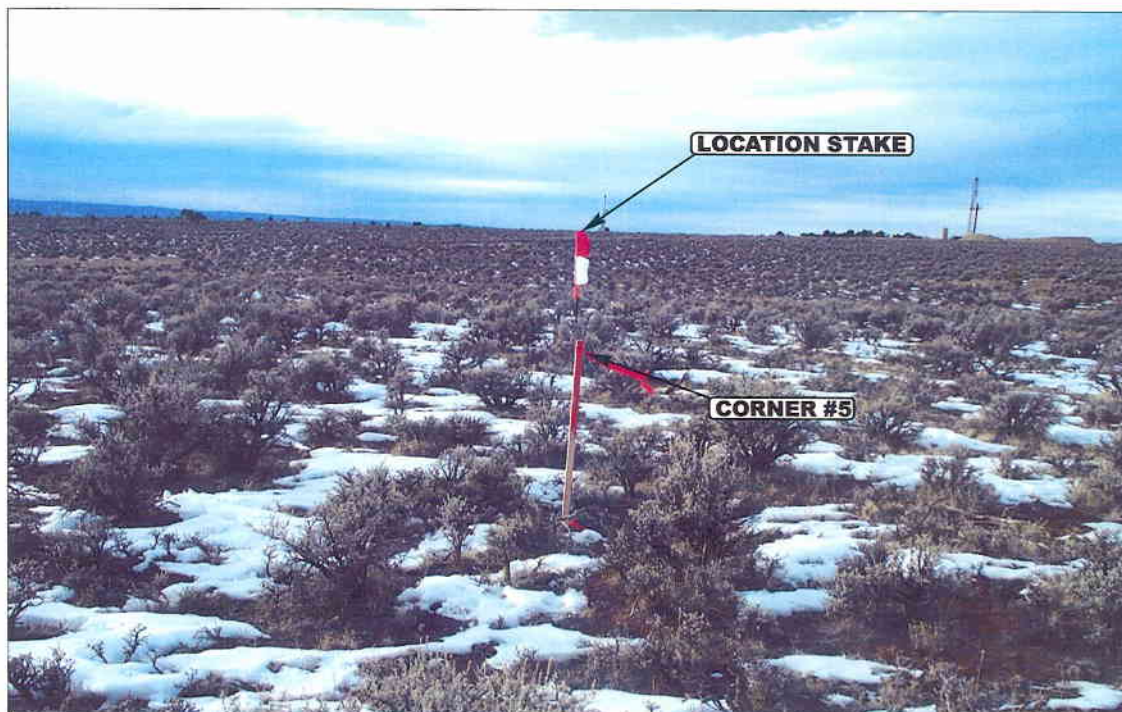


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

1
MONTH

18
DAY

01
YEAR

PHOTO

TAKEN BY: J.F.

DRAWN BY: J.L.G.

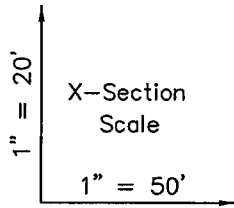
REVISED: 7-11-05

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

MILLER, DYER & CO. L.L.C.

TYPICAL CROSS SECTIONS FOR

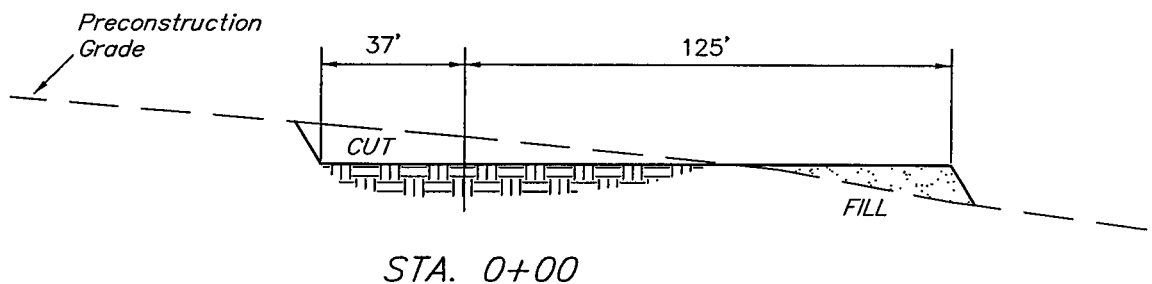
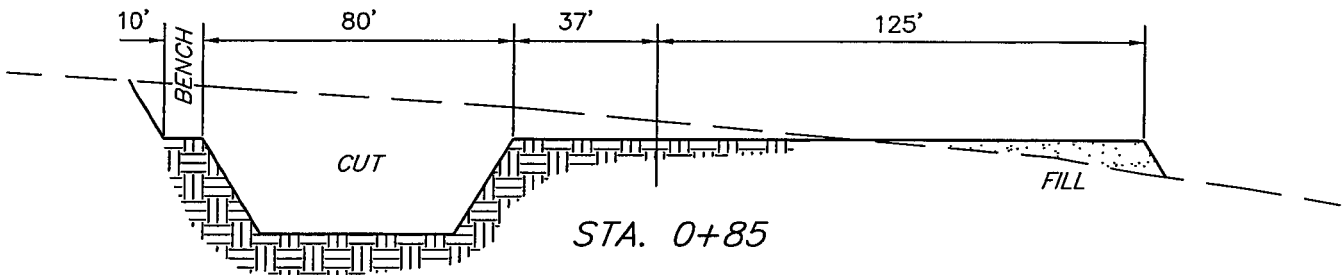
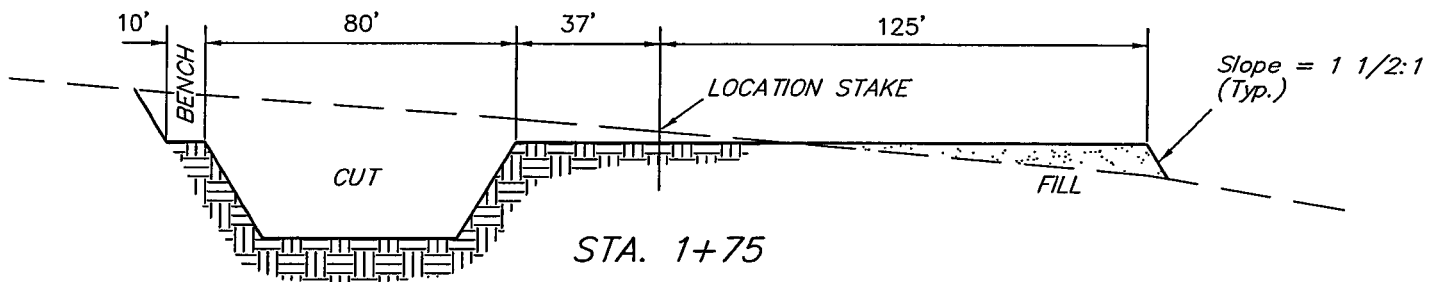
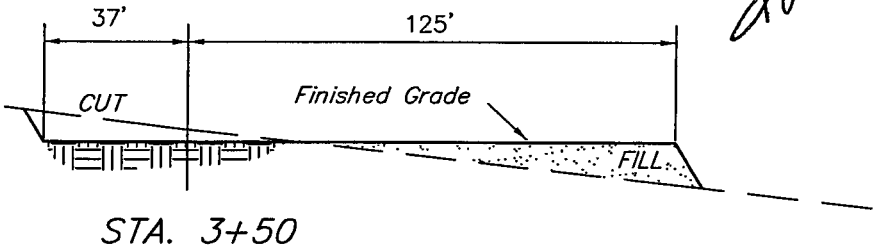
FLAT ROCK #15-32-14-20
SECTION 32, T14S, R20E, S.L.B.&M.
660' FSL 1980' FEL



DATE: 01-28-01

DRAWN BY: D.R.B.

Revised: 07-11-05 D.R.B.

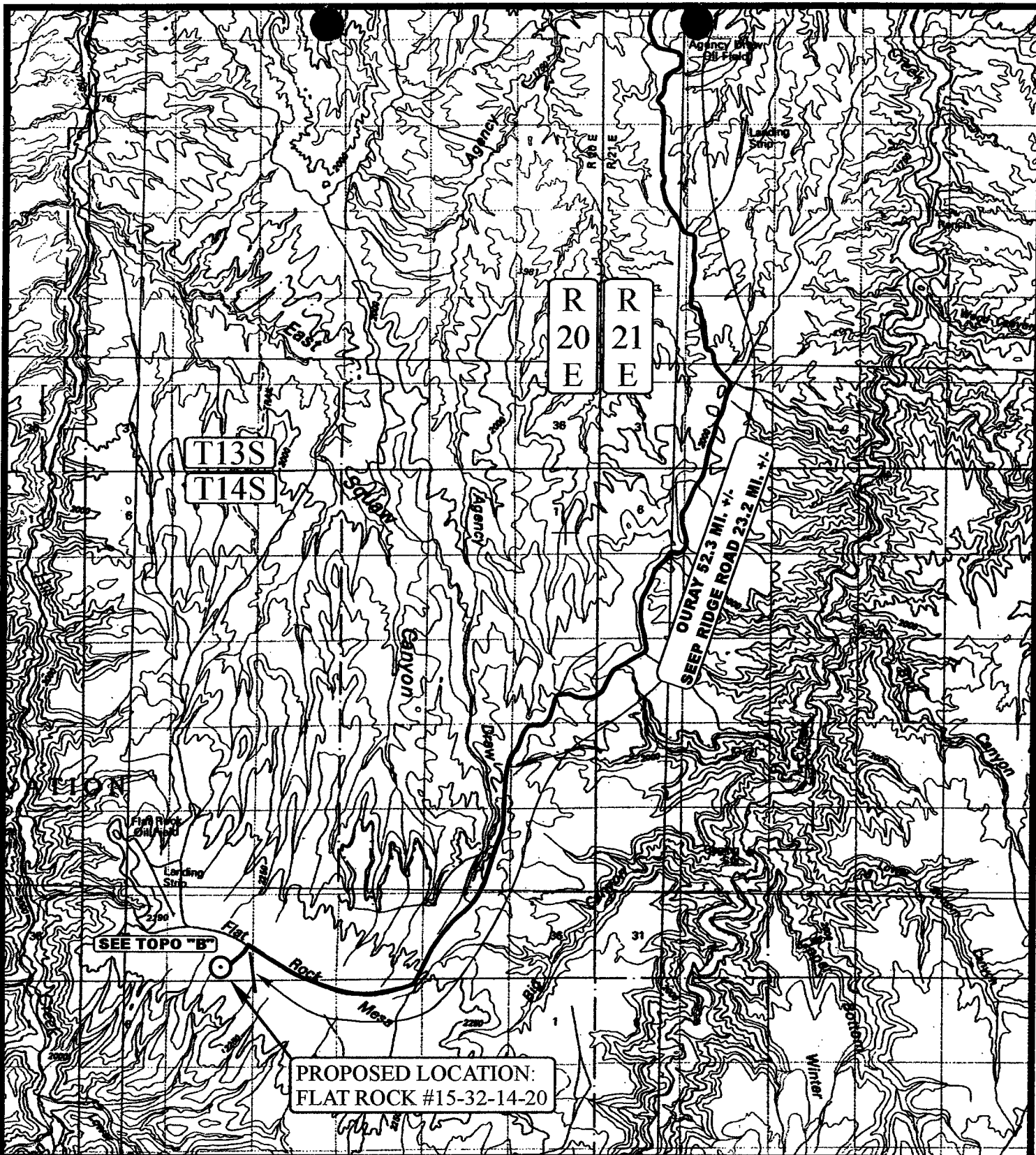


APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,560 Cu. Yds.
Remaining Location	= 4,640 Cu. Yds.
TOTAL CUT	= 7,200 CU.YDS.
FILL	= 3,430 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,590 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,590 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION

MILLER, DYER & CO. LLC.

FLAT ROCK #15-32-14-20
SECTION 32, T14S, R20E, S.L.B.&M.
660' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

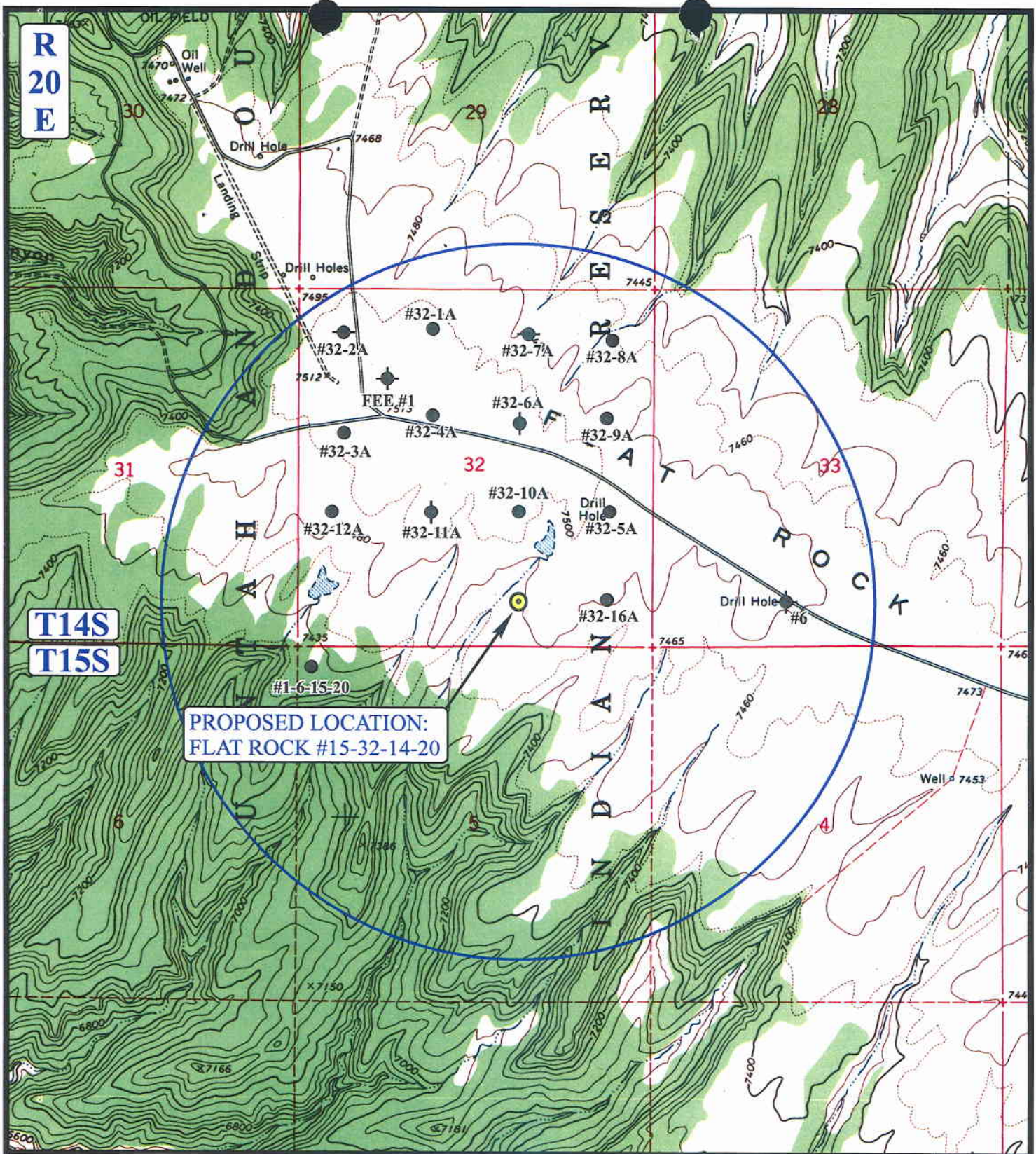


TOPOGRAPHIC
MAP

1	18	01
MONTH	DAY	YEAR

SCALE: 1:100,000 | DRAWN BY: JLG | REVISED: 7-11-05

A
 TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS |
| ⊗ SHUT IN WELLS | ⊗ TEMPORARILY ABANDONED |



MILLER, DYER & CO. LLC.

FLAT ROCK #15-32-14-20
SECTION 32, T14S, R20E, S.L.B.&M.
660' FSL 1980' FEL



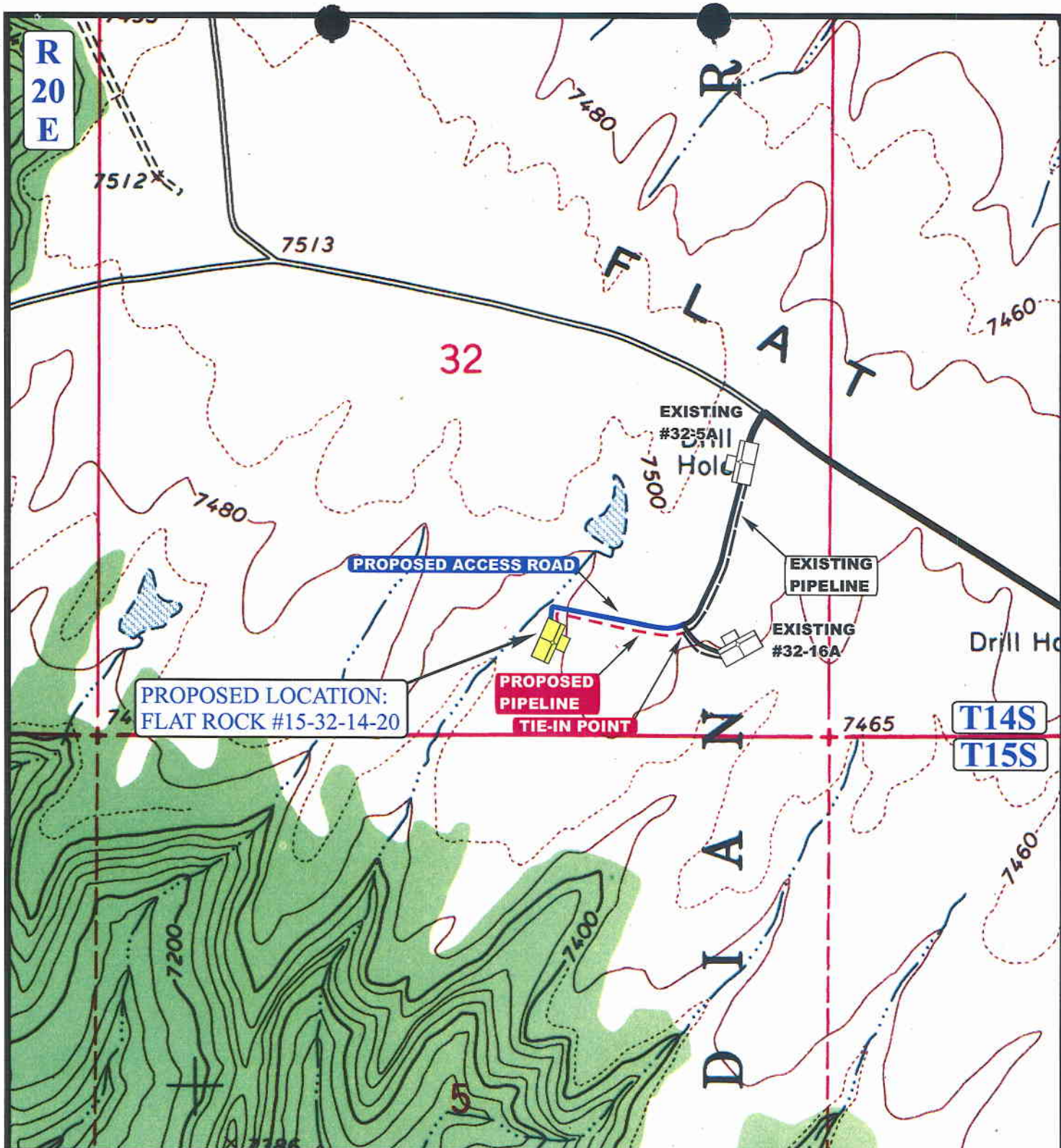
Uintah Engineering & Land Surveying
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 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

1 18 01
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 7-11-05





APPROXIMATE TOTAL PIPELINE DISTANCE = 930' +/-

LEGEND:

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS



MILLER, DYER & CO. LLC.

FLAT ROCK #15-32-14-20
SECTION 32, T14S, R20E, S.L.B.&M.
660' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

1 18 01
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REVISED: 7-11-05



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/17/2005

API NO. ASSIGNED: 43-047-36994

WELL NAME: FLAT ROCK 15-32-14-20

OPERATOR: MILLER, DYER & CO, LLC (N2580)

CONTACT: JEFF LANG

PHONE NUMBER: 303-292-0949

PROPOSED LOCATION:

SWSE 32 140S 200E

SURFACE: 0660 FSL 1980 FEL

BOTTOM: 0660 FSL 1980 FEL

UINTAH

FLAT ROCK (600)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-44317

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DVED	8/26/05
Geology		
Surface		

LATITUDE: 39.55039

LONGITUDE: -109.6991

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008085)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. 49-1667)
- ☒ RDCC Review (Y/N)
(Date:)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit
- ☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ☐ R649-3-3. Exception
- ☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

- 1- Federal Approval
- 2- Spacing Slip
- 3- Surface Csg Cont Stip.
- 3- STATEMENT OF BASIS



OPERATOR: MILLER, DYER LLC (N2580)

SEC: 32 T. 14S R. 20E

FIELD: FLAT ROCK (600)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status

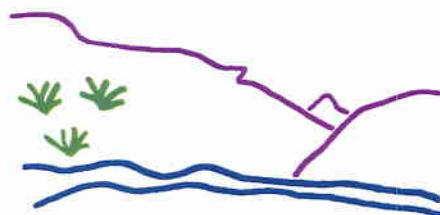
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- ✂ GAS INJECTION
- ✂ GAS STORAGE
- ✂ LOCATION ABANDONED
- + NEW LOCATION
- + PLUGGED & ABANDONED
- + PRODUCING GAS
- + PRODUCING OIL
- + SHUT-IN GAS
- + SHUT-IN OIL
- ✂ TEMP. ABANDONED
- + TEST WELL
- + WATER INJECTION
- + WATER SUPPLY
- + WATER DISPOSAL
- + DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 26-AUG-2005

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Miller, Dyer & Co. LLC
WELL NAME & NUMBER: Flat Rock 15-32-14-20
API NUMBER: 43-047-36994
LOCATION: 1/4, 1/4 SWSE Sec: 32 TWP: 14S RNG: 20E 660' FSL 1980' FEL

Geology/Ground Water:

Miller, Dyer & Co. proposes to set ³⁰⁰~~2,400~~ feet of surface casing cemented to the surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The base of the moderately saline water is estimated at 3,500 feet. The surface formation at the proposed location is the Green River Formation. The Green River Formation is made up of interbedded sandstones, limestones and shales. This location is in a recharge area for the aquifers of the upper Green River Formation and fresh water can be expected to be found in the upper Green River. The proposed casing and cementing program should cover the entire Green River section and adequately protect the Green River aquifer.

Reviewer: Brad Hill **Date:** 08-29-2005

Surface:

The Ute Indian Tribe is the surface owner at this location. The operator is responsible for obtaining any needed permits or rights of way before causing any surface disturbance or drilling.

Reviewer: Brad Hill **Date:** 08-29-2005

Conditions of Approval/Application for Permit to Drill:

None.

-05 Miller Dyer Flat Rock 1 32-14-20

Casing Schematic

8-5/8"
MW 8.3
Frac 19.3

Surface

TOC @
49.

Surface
300. MD

Propose TOC Surface

w/ 18% Washout
Surface w/ 12% Washout

BHP
 $(.052)(9)(4800) = 2246$
 Anticipate 2064

Gas
 $(.12)(4800) = 576$
 MMSF = 1670

Bope - 3,000 ✓

Surf Csg - 2950
 70% = 2065

Mat pressure @ shoe = 1074
 Test to 1,000 ✓

✓ Adequate
 DKO 8/26/05

5-1/2"
MW 9.

TOC @
1404.

2300 Washout

2454 TOC Tail

Propose TOC Surface

✓ w/ 15% Washout
 Surface w/ 3% Washout

4463 Mesaverde

Production
4800. MD

Well name:

08-05 Miller Dyer Flat Rock 15-32-14-20Operator: **Miller Dyer & Co., LLC**String type: **Surface**

Project ID:

43-047-36994Location: **Uintah****Design parameters:****Collapse**Mud weight: 8.300 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: 49 ft

BurstMax anticipated surface
pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)Tension is based on buoyed weight.
Neutral point: 262 ftCompletion type is subs
Non-directional string.**Re subsequent strings:**Next setting depth: 4,800 ft
Next mud weight: 9.000 ppg
Next setting BHP: 2,244 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	14.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	129	1370	10.598	300	2950	9.83	6	244	38.74 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: 801-538-5280
FAX: 801-359-3940Date: August 26, 2005
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	08-05 Miller Dyer Flat Rock 15-32-14-20	
Operator:	Miller Dyer & Co., LLC	
String type:	Production	Project ID: 43-047-36994
Location:	Uintah	

Design parameters:
Collapse

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 142 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,404 ft

Burst

Max anticipated surface pressure: 1,035 psi
Internal gradient: 0.252 psi/ft
Calculated BHP 2,244 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Completion type is subs
Non-directional string.

Tension is based on buoyed weight.
Neutral point: 4,145 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4800	5.5	17.00	N-80	LT&C	4800	4800	4.767	165.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2244	6290	2.803	2244	7740	3.45	70	348	4.94 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: August 26, 2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4800 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 29, 2005

Miller, Dyer & Company, LLC
475 17th St., Suite 1200
Denver, CO 80202

Re: Flat Rock 15-32-14-20 Well, 660' FSL, 1980' FEL, SW SE, Sec. 32,
T. 14 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36994.

Sincerely,


for Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Miller, Dyer & Company, LLC
Well Name & Number Flat Rock 15-32-14-20
API Number: 43-047-36994
Lease: ML-44317

Location: SW SE Sec. 32 T. 14 South R. 20 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
8. Surface casing shall be cemented to the surface.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

October 2, 2006

John Dyer
Miller, Dyer & Co. LLC
475 17TH Street Ste 1200
Denver, CO 80202

Re: APD Rescinded –Flat Rock 15-32-14-20 Sec. 32 T. 14S R. 20E
Uintah County, Utah API No. 43-047-36994

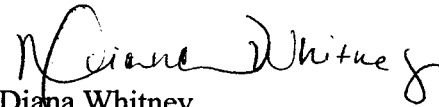
Dear Mr. Dyer:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 29, 2005. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective October 2, 2006.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Whitney
Engineering Technician

cc: Well File
Bureau of Land Management, Vernal
SITLA, Ed Bonner

Don Staley - Re: Three (3) LA Permits back to DRILL OR OPS

From: Don Staley
To: Dan Jarvis; Earlene Russell
Date: 06/03/2009 8:33 AM
Subject: Re: Three (3) LA Permits back to DRILL OR OPS
CC: Brad Hill; Carol Daniels; Diana Mason; Rachel Medina; Randy Thackeray

I have changed the statuses on these 3 wells to OPS. I will also attach a copy of this email to the scanned well file for documentation.

>>> Earlene Russell 6/2/2009 1:01 PM >>>

Prior to 2003 Del-Rio (N0330) had 3 wells called Del-Rio/Orion 32-13A, 14A, & 15A. Due to lack of surface access on the Indian surface, the lease owner moved all rights to Miller Dyer (N2580) in Nov 2003 and these 3 permits were LA'd. No reports of work were turned in BUT the inspections and pics showed pads and casing.

In 2005 Miller Dyer permitted the same locations [new APIs and named as Flat Rock 13..., 14..., & 15...], the presites showed pads and casing. In 2007 the permits were LA'd - again because we had no reports of work done at the site.

Miller Dyer has now transferred the surrounding leases to Whiting Oil & Gas (N2680) but not the 3 Flat Rock permits that were LA'd. Dan and I discussed the best way to handle this situation. We feel since there is casing, these three sites need to be status DRILL or OPS. Dan will fix the records in RBDMS and copy the pics to the newer API number. I have asked Vicky Dyson to locate the LA files. Comments will be added to the Miller Dyer records and the status changed to either DRILL or OPS. John Dyer of Miller Dyer is looking for reports and working with Whiting regarding these sites; it is possible Miller Dyer will either reclaim and plug these wells OR transfer the permits to Whiting by operator change.

PROPOSED FUTURE CHANGES: Dan said he will start looking at inspections on wells to become "LA" earlier to help eliminate this situation and will work out something with the inspectors. I will check the LA's and PA's as related to operator changes and bond releases. This situation was found because of operator changes. Our procedures are much better now than in 2003 and getting better all the time.

4304736992 Flat Rock 13-32-14-20
4304736993 Flat Rock 14-32-14-20
4304736994 Flat Rock 15-32-14-20

Don - who should change the status from LA? Who takes out the LA date?

Carol and Rachel - I will get you what information comes to me from John Dyer. In the mean time, I'll put a comment on each well.

Thanks to everyone for their help.

Earlene

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317
2. NAME OF OPERATOR: Del-Rio Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 459 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL, 1,980' FEL		8. WELL NAME and NUMBER: Flat Rock 15-32-14-26
5. PHONE NUMBER: 435-789-1703		9. API NUMBER: 43-047-34097 36994
6. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, Section 32, T14S, R 20E, SLM		10. FIELD AND POOL, OR WILDCAT: Flat Rock
7. COUNTY: Uintah		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11-11-01	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Notice of suspension of drilling operations
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Del-Rio Resources, Inc. belatedly reports herewith that construction of the location, spudding, rat & mouse hole drilling, surface hole drilling, surface casing setting and cementing in accordance with the APD approved 7-9-01 was completed by 11-11-01. The well was spudded by Bill Jr. Rathole Drilling, Inc. Rig 2. 869' of new, Maverick 8.625", 24 ppf, J-55 casing with 8rd ST&C was set in 11" hole drilled to 882'. The casing jts ranged from 39' to 44' and were run in unknown order with a guide shoe on bottom, an insert float in the first collar up where a centralizer was clamped and 7 more centralizers run (probably) on every other jt above that. Big4 Cementing used 350 sacks of Premium Cement Type V blended with 2 lbs/sk calcium chloride and 0.25 lb/sk cellophane flakes to produce 73 bbls of 15.6 ppg slurry. The pumping stages were 40 bbls of fresh water, 20 bbls of gel mixed with 4 sks & cedar fiber, 73 bbls of cement and 53 bbls of fresh water for displacement. All pumping was at 5 bpm. The plug was dropped on the fly after the cement and bumped into the float with 600 psi. It is assumed that there was 3 bbls of cement dropped on the plug to leave about 45' of fill-up. It is assumed that circulation was maintained throughout the job but excess flow to pit is unknown. All operations were then suspended.

Del-Rio filed for an extension of the APD dated 8-8-02 that was approved 8-19-02 but apparently failed to give notice of location construction, file weekly reports, give notice of the spud, or file an Entity Action Form that were all due the previous year. I have no explanation for these significant oversights at this late date, but I hope that the information will be useful to the Division and the current lessee.

NAME (PLEASE PRINT) <u>David L. Allin</u>	PHONE <u>970-254-3114</u>	TITLE <u>Vice President, Exploration Manager</u>
SIGNATURE <u><i>David L. Allin</i></u>	EMAIL <u>allinpro@bresnan.net</u>	DATE <u>July 24, 2009</u>

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN. ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR: Del-Rio Resources, Inc. (lease operator when well was designated Del-Rio/Orion 32-15A under 43-047-34097)

3. ADDRESS OF OPERATOR: P. O. Box 459 CITY: Vernal STATE: UT ZIP: 84078 PHONE NUMBER: 435-789-1703

4. LOCATION OF WELL (FOOTAGES):
AT SURFACE: 660' FSL, 1,980' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Not applicable
AT TOTAL DEPTH: Vertical, same as surface location

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: Flat Rock 15-32-14-20

9. API NUMBER: 43-047-36994

10. FIELD AND POOL, OR WILDCAT: Flat Rock

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 32-14S-20E, SLM

12. COUNTY: Uintah 13. STATE: UTAH

14. DATE SPUDDED: 11-2-01 w/rathole rig 15. DATE T.D. REACHED: 11-3-01 16. DATE COMPLETED: Suspended 11-11-01 ABANDONED ☐ READY TO PRODUCE ☐ 17. ELEVATIONS (OF, RKB, RT, GL): 7,467' GL

18. TOTAL DEPTH: MD 882' TVD 882' 19. PLUG BACK T.D.: MD Approx. 784' TVD Cmt fill over float TVD Approx. 784' 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD None TVD None

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): None

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
11"	8.625" J-55	24.00	Surface	869'	None	Type V 350	73	Surface CIR	None

25. TUBING RECORD None

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS. None

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD None

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. None

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER _____

30. WELL STATUS:

Drilling Operations
Suspended

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS:	CSG. PRESS:	API GRAVITY:	BTU - GAS:	GAS/OIL RATIO:	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Fm	Surface

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) David L. Allin (970) 254-3114 allinpro@bresnan.net

TITLE Vice President, Exploration Manager

SIGNATURE David L. Allin

DATE July 28, 2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation.
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

*ITEM 20: Show the number of completions if production is measured separately from two or more formations.

**ITEM 24: Cement Top-- Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS))

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/1/2009

FROM: (Old Operator): N2580-Miller, Dyer & Co, LLC 475 17th St, Suite 1200 Denver, CO 80202 Phone: 1 (303) 292-0949	TO: (New Operator): N2680-Whiting Oil & Gas Company 1700 Broadway, Suite 2300 Denver, CO 80290 Phone: 1 (303) 837-1661
--	--

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	99999	State	GW	S
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	99999	State	GW	S
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	99999	State	GW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/3/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/3/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: REQUESTED
- b. Inspections of LA PA state/fee well sites complete on: na
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/13/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/13/2009
- Bond information entered in RBDMS on: 8/13/2009
- Fee/State wells attached to bond in RBDMS on: 8/13/2009
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000148
- Indian well(s) covered by Bond Number: RLB0011681
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- b. The **FORMER** operator has requested a release of liability from their bond on: see Comments

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: Per Rick Hornock, MDC, they want to retain bond for now.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317
2. NAME OF OPERATOR: Miller, Dyer & Co. LLC <i>N2580</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1200 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL, 1980' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 32 14S 20E S		8. WELL NAME and NUMBER: Flat Rock 15-32-14-20
PHONE NUMBER: (303) 292-0949		9. API NUMBER: 4304736994
		10. FIELD AND POOL, OR WILDCAT: Flat Rock 600
		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 8/1/2009	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 8/1/2009, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is #RLB0004585 or Utah BLM Bond #UTB-000148.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202

Miller, Dyer & Co., LLC: Utah Bond Number RLB0008085

Whiting Oil and Gas Corporation: Bonds RLB0004585

NAME (PLEASE PRINT) John E. Dyer

TITLE Manager-Miller Dyer & Co., LLC

SIGNATURE

DATE 7/27/2009

(This space for State use only)

APPROVED 8/13/09

Earlene Russell

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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AUG 03 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317
2. NAME OF OPERATOR: WHITING OIL AND GAS CORPORATION <i>N2680</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290 PHONE NUMBER: (303) 837-1661		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL, 1980' FEL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 32 14S 20E S STATE: UTAH		8. WELL NAME and NUMBER: Flat Rock 15-32-14-20
		9. API NUMBER: 4304736994
		10. FIELD AND POOL, OR WILDCAT: Flat Rock 600

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: Upon Approval	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 8/1/2009, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is #RLB0004585 or Utah BLM Bond #UTB-000148.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202

Miller, Dyer & Co., LLC: Utah Bond Number RLB0008085

Whiting Oil and Gas Corporation: Bonds RLB0004585 or Utah BLM Bond #UTB-000148

NAME (PLEASE PRINT) <u>Scott M. Webb</u>	TITLE <u>Regulatory Coordinator</u>
SIGNATURE <u><i>[Signature]</i></u>	DATE <u>7/27/2009</u>

(This space for State use only)

APPROVED 8/13/09
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 03 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Whiting Oil and Gas Corporation Operator Account Number: N 2680
Address: 1700 Broadway, Suite 2300
city Denver
state CO zip 80290 Phone Number: (303) 837-1661

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736992	Flat Rock 13-32-14-20		SWSW	32	14S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17354				8/25/09	
Comments: Spud by previous operator <u>WINGT</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736993	Flat Rock 14-32-14-20		SESW	32	14S	20E	Unitah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17355				8/25/09	
Comments: Spud by previous operator <u>MVRD</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736994	Flat Rock 15-32-14-20		SWSE	32	14S	20E	Unitah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17356				8/25/09	
Comments: Spud by previous operator <u>MVRD</u>							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Pauleen Tobin

Name (Please Print)

[Signature]

Signature

Engineer Tech

Title

Date

RECEIVED
AUG 17 2009



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 20, 2011

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1472

Mr. Thomas Smith
Whiting Oil & Gas Corporation
1700 Broadway STE 2300
Denver, CO 80290-2300

43 047 36994
Flat Rock 15-32-14-20
14S 20E 32

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Smith:

As of January 2011, Whiting Oil & Gas Corporation has three (3) State Lease Wells (see Attachment A) that have been added as being in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. These wells are in addition to the Chimney Rock 32-11 well that recently had a Notice of Violation issued on April 11, 2011.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2

Whiting Oil & Gas Corporation

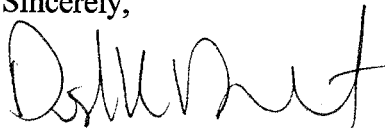
September 20, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Compliance File

Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	9 Years 2 Months
2	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	9 Years 2 Months
3	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	9 Years 2 Months



February 10, 2012

Mr. Dustin Doucet
Utah Department of Natural Resources
Div of Oil, Gas & Mining
1594 W North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RE: Notices of Violation
Chimney Rock 32-11
API 43-047-33445
Flat Rock Wells in Sec 32
43-047-36993, 36994, 36995

Dear Dustin,

In regards to the Notice of Violation dated October 6, 2011, Whiting plans to file a Notice of Intent to Plug and Abandon Chimney Rock 32-11. Currently we are putting together a procedure and AFE to do this work.

In addition to this well, Whiting has 3 other wells located in section 32

Flat Rock 13-32-14-20, API 43-047-36992
Flat Rock 14-32-14-20, API 43-047-36993
Flat Rock 15-32-14-20, API 43-047-36994-THIS-ROE 5-32

These wells will also have Notices of Intent to Plug and Abandon filed on them. The AFEs and procedures are in progress as well.

Should you have any questions or concerns, you may contact me at the letterhead address or phone, or email pollyt@whiting.com.

Thank you for your patience.

Very truly yours

WHITING OIL AND GAS CORPORATION

Pauleen Tobin
Central Rockies Engineer Tech

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

RECEIVED

FEB 13 2012

RECEIVED

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 18, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3539

Mr. Thomas Smith
Whiting Oil & Gas Corporation
1700 Broadway STE 2300
Denver, CO 80290-2300

43 047 36994
Flat Rock 15-32-14-20
14S 20E 32

Subject: Second Notice: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Smith:

As of January 2012, Whiting Oil & Gas Corporation (Whiting) has seven (7) State Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. One of the wells (Attachment A) is under outstanding Notice of Violation (NOV.) The Utah Division of Oil, Gas and Mining (Division) wishes to inform Whiting that these wells were previously noticed September 20, 2011. On February 10, 2012, Whiting responded stating that four (4) of the wells (including the NOV) were under plan to plug and abandon. Nothing more was received by the Division concerning these plans. On April 19, 2012, Whiting was notified of three (3) additional wells added as being in non-compliance status. To date, the Division has not received any documentation nor seen any efforts being made to move these wells out of non-compliance status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2
Whiting Oil & Gas Corporation
October 18, 2012

Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Plan to PA
2nd Notice					
1	CARBON CANAL 5-12	43-015-30709	ML-49116	3 Years 9 Months	
2	UTE TRIBAL 32-1A	43-047-32758	ML-44317	2 Years 2 Months	
3	UTE TRIBAL 10-2-15-20	43-047-35625	ML-46842	1 Year 6 Months	
4	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	10 Years 2 Months	X
5	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	10 Years 2 Months	X
6	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	10 Years 2 Months	X
OUTSTANDING NOV					
7	CHIMNEY ROCK 32-11	43-047-33445	ML-47437	4 Years 5 Months	X



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 5, 2014

Certified Mail No. 7003 2260 0003 2358 7158

Mr. John D'Hooge
Whiting Oil & Gas Corporation
1700 Broadway Suite 2300
Denver, CO 80290

43 047 36994
Flat Rock 15-32-14-20
14S 20E 32

Subject: Extended Shut-in and Temporary Abandon Well Requirements for Fee or State Leases

Dear Mr. John D'Hooge:

As of April 2014, Whiting Oil & Gas Corporation (Whiting) has ten (10) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Seven (7) of these wells have previously received notices with nothing being done or shown by Whiting to bring into compliance status.

The Division was preparing to issue Notices of Violation for all wells listed above. However, during the meeting with the Division on June 3, 2014, Whiting verbally noted its plans concerning these wells. Whiting stated that five (5) of the wells will be plugged, one (1) being evaluated for water disposal, one (1) being evaluated for up hole potential, and the remaining three (3) to be returned to production.

Whiting needs to submit individual sundry's for each well, detailing plans and near future timeframe for work to be accomplished. Additionally, the wells that are candidates for plugging need to have a plugging procedure and a scheduled date for PA submitted for approval. All other wells will need to meet the requirements per the rules below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and



Page 2
Pacific Energy & Mining Company
June 4, 2014

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

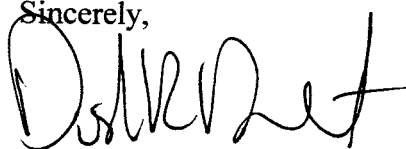
Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received by July 1, 2014, Notices of Violation will be issued and further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notices
1	CHIMNEY ROCK 32-11	43-047-33445	ML-47437	6 years 8 months	NOV
2	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	12 years 6 months	2 ND NOTICE
3	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	12 years 5 months	2 ND NOTICE
4	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	12 years 5 months	2 ND NOTICE
5	STATE 16H-32-15-12	43-007-31482	ML-49797	4 years 5 months	1 ST NOTICE
6	CARBON CANAL 5-12	43-015-30709	ML-49116	6 years	2 ND NOTICE
7	UTE TRIBAL 32-1A	43-047-32758	ML-44317	4 years 2 months	2 ND NOTICE
8	UTE TRIBAL 32-3A	43-047-33334	ML-44317	3 years 1 month	
9	UTE TRIBAL 32-4A	43-047-33335	ML-44317	3 years	
10	TULLY 16-9-36D	43-015-50003	ML-52222	1 year 1 month	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION		8. WELL NAME and NUMBER: FLAT ROCK 15-32-14-20
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300, Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext	9. API NUMBER: 43047369940000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 32 Township: 14.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: FLAT ROCK
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/1/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached proposal.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: _____

By: July 02, 2014
Derek Duff

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A		DATE 6/26/2014



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047369940000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. If it is found that the surface shoe has been drilled out, contact the Division as a new P&A plan will need to be approved.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Whiting Oil and Gas Corporation requests approval to plug and abandon the Flat Rock 15-32-14-20 well as follows:

Note: State records indicate that the subject well was drilled by Del-Rio Resources, Inc. to a total depth of 882'. Surface casing (8.625" J-55) was set 869' with a plug back TD of 784'. To our knowledge, Del-Rio Resources ceased operations at that time. Therefore, only the surface casing is being abandoned.

1.	Advise the State of Utah DOGM 48 hours before plugging operations commence.
2.	RIH with a wireline unit and confirm the plug back TD. If the plug back depth does not match the surface casing depth, the procedure will be changed.
3.	Place a cement plug from 100' to surface. Approximately, 35 sacks.
4.	Cut and remove the casing head. Install a regulation dry hole marker.
5.	Weather permitting, clean and restore the location.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44317
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION		8. WELL NAME and NUMBER: FLAT ROCK 15-32-14-20
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300, Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext	9. API NUMBER: 43047369940000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 32 Township: 14.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: FLAT ROCK
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/8/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Whiting Oil and Gas Corporation has P&A'd the subject well as follows:

1. Tagged with wireline @ 684' GL.
2. Pressure tested csg to 500 psi.
3. Held.
4. Balanced a 35 sack cement plug from 110' GL to surface.
5. Cut off wellhead. Welded on dry hole marker plate 4' below ground level and backfilled. Please see attached for cement details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 20, 2015

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A		DATE 1/16/2015



Job Summary

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Well Name: FLAT ROCK 15-32-14-20

Plug & Abandon
Job Started on 10/27/2014

WPC ID 1UT026855	API Number 4304736994	Field Name Flat Rock	County Uintah	State UT	Operator WOGC	Gr Elev (ft) 7,467.00	Orig KB El... 7,467.00
AFE Number 14-2046		Total AFE Amount (Cost) 50,000.00		Supp Amt (Cost) 50,000.00		Total AFE + Supp Amount (Cost) 40,672.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest (%) 100.00	Total Fid Est (Cost) 9,328.00	Start Date 10/27/2014	End Date 1/9/2015

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	Summary
1.0	1.0	10/27/2014	10/28/2014	SICP = 0 psi RU Production Logging Services slick line unit, RIH with junk basket and 6 1/8" OD gauge ring, tagged PBTD @ 684'. POOH with tools junk basket was full of thick fluid and small pieces of debri, obtained sample RD slick line unit and secured well
11.0	2.0	11/6/2014	11/7/2014	SICP = 0 psi. Notified Dan Larson with UDOGM by voicemail Tuesday 11/4/14 of our intent to P&A Surface CSG on Flat Rock 13-32-14-20, 14-32-14-20 and 15-32-14-20 on 11/6/14. Rigged up Red Rock Cementing equipment, pressure tested CSG to 500 psi watched 5 minutes good test. Tallied and RIH with 1" PVC pipe work string, EOT @ 110'. Pumped 35 sks class G cement 15.8PPG 1.15 CF/sk slurry w/ no additives, circulated cement to surface, containing returns with vacuum truck, POOH and laid down PVC work string, TOC @ surface. Left slurry sample and also dry sample of cement next to well. There was no UDOGM witness present.
74.0	3.0	1/8/2015	1/9/2015	Unloaded Backhoe and excavated around surface casing for welder to work. Cut off 8-5/8" Surface CSG @ 4' below GL, had good cement to surface, welded on regulation dry hole marker plate with well info @ 4' below GL. Location ready for reclamation.

RED ROCK WELL SERVICE

P.O. Box 9015

Salt Lake City, UT 84109

Field Ticket No.

11416

TO: whitening oil & Gas

DATE: 11-6-14

LOCATION:

Flat Rock
15-32-14-20
AFE 14-2046

ORDERED BY: Ryan Swon

DESCRIPTION

UNIT PRICE

AMOUNT

Cement 35 sacks -

25⁰⁰875⁰⁰

Labor & trucking -

1125⁰⁰Cement pump
API# 4304736994500⁰⁰

R.I.H w/ 110' of 1 1/2 pvc into

8 5/8 csg pump 35 sacks of

Class G cement no additives

40.1 Cu ft yield is 1.147 = 15.8 #

pull out pvc top off with cement

James Shelton

TOTAL

2500⁰⁰

APPROVED BY:

11-6-14

By executing above, the signatory represents that he/she/it has read the General Condition contained on the reverse side of this Field Ticket and hereby consents and agrees to be bound by the same on behalf of Owner.

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALLS TX 76307-8206
CA Number(s):	Unit Name: None

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor
Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455
B009568-FCB
B009567-FCB
B009566-FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

From: Whiting Oil Gas Corporation

To: Cobra Oil Gas Corporation

Effective: 8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

See attached exhibit

7. UNIT or CA AGREEMENT NAME:

See attached exhibit

8. WELL NAME and NUMBER:

See attached exhibit

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached exhibit

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER See attached exhibit

2. NAME OF OPERATOR:

COBRA OIL & GAS CORPORATION N4270

3. ADDRESS OF OPERATOR:

PO Box 8206

Wichita Falls

TX

76307-8206

PHONE NUMBER:

(940) 716-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached exhibit

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

8/1/2015



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680
1700 Broadway, Suite 2300
Denver, CO 80290
Phone: (303) 837-1661



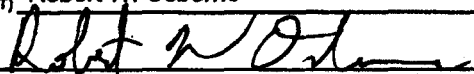
Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company
Utah State Bond: B009455
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne

TITLE Vice President

SIGNATURE



DATE

7/14/15

(This space for State use only)

APPROVED

(5/2000)

(See Instructions on Reverse Side)

OCT 14 2015

DIV. OIL GAS & MINING
BY: Rachel Medina

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		4304730729	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		4304715764	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		4304733620	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION:
								SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E



RECEIVED

AUG 04 2015

DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator
sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*

1700 Broadway, Suite 2300, Denver, Colorado 80290-2300 Office: 303.837.1661 Fax: 303.861.4023



RECEIVED
AUG 04 2015
DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

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Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*

1700 Broadway, Suite 2300, Denver, Colorado 80290-2300 Office: 303.837.1661 Fax: 303.861.4023



Rachel Medina <rachelmedina@utah.gov>

Plugged Wells

8 messages

Rachel Medina <rachelmedina@utah.gov>
 To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 11:05 AM

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729
 Ute Tribal 30-1 4304715764
 Ute Tribal 30-4A 4304716520

Thanks!

—
 Rachel Medina
 Division of Oil, Gas & Mining
 Bonding Technician
 801-538-5260

Rachel Medina <rachelmedina@utah.gov>
 To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 2:36 PM

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.

Thanks!

[Quoted text hidden]

Barbara Pappas <barbara@cobraogc.com>
 To: Rachel Medina <rachelmedina@utah.gov>

Thu, Aug 6, 2015 at 3:10 PM

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Thursday, August 06, 2015 3:37 PM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Barbara Pappas <barbara@cobraogc.com>

Fri, Aug 14, 2015 at 8:58 AM

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A
UTE TRIBAL 32-3A
UTE TRIBAL 32-4A

Thanks!

[Quoted text hidden]

Charlie Gibson <charlie@cobraogc.com>
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Wed, Aug 19, 2015 at 8:40 AM

Rachel,

We have studied the wells listed below and our estimate to plug the wells is \$20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Friday, August 14, 2015 9:59 AM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Dustin Doucet <dustindoucet@utah.gov>

Wed, Aug 19, 2015 at 4:46 PM

What are you thoughts on the full cost bonding and the shut in plan?
[Quoted text hidden]

Dustin Doucet <dustindoucet@utah.gov>
To: Rachel Medina <rachelmedina@utah.gov>

Wed, Aug 19, 2015 at 6:16 PM

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the \$30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than \$30K per well if the work is not done by October 1, 2015.

[Quoted text hidden]

—
Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116
801.538.5281 (ofc)
801.359.3940 (fax)

web: www.ogm.utah.gov

Rachel Medina <rachelmedina@utah.gov>
To: Charlie Gibson <charlie@cobraogc.com>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 20, 2015 at 9:09 AM

Hi Charlie,

The following is our Petroleum Engineer's review;

- Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Tribal 32-4A are each required to have a \$30,000.00 individual bond.
- Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]



Rachel Medina <rachelmedina@utah.gov>

Utah Change of Operator from Whiting to Cobra

1 message

Charlie Gibson <charlie@cobraogc.com>

Thu, Aug 13, 2015 at 2:17 PM

To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>

Cc: Jeff Dillard <jeff@cobraogc.com>, Bob Osborne <bob@cobraogc.com>, Stephen Howard <Showard@basinoilandgas.com>, Caven Crosnoe <ccrosnoe@scglaw.com>, Rory Edwards <rory@cobraogc.com>, Phil Rugeley <phil@cobraogc.com>, Rick Haskin <rick@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32130S 210E 4304733445
32-11

UTE TRIBAL 32- 32140S 200E 4304733621
11A

FLAT ROCK 13- 32140S 200E 4304736992
32-14-20

FLAT ROCK 14- 32140S 200E 4304736993
32-14-20

FLAT ROCK 15- 32140S 200E4304736994
32-14-20

UTE TRIBAL 8- 30140S 200E4304739053
25-14-19

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)